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 FS - CPI;GMPI
 IC - A23L3/358 ; A61K33/08 ; A61L2/18 ; B01D53/34 ; C01B11/02
 MC - D09-A01A E31-C
 M3 - [01] C017 C108 C200 C730 C800 C801 C803 C804 C805 C807 M411 M720 M903
 M904 M910 N141 N309 N366 Q261 Q507 Q604; R01896-P; 9240-7
 PA - (SEKP) SEKISUI PLASTICS CO LTD
 PN - JP4300201 A 19921023 DW199249 C01B11/02 004pp
 - JP6049562B B2 19940629 DW199424 C01B11/02 004pp
 PR - JP19910091375 19910328
 XA - C1992-178885
 XIC - A23L-003/358 ; A61K-033/08 ; A61L-002/18 ; B01D-053/34 ; C01B-011/02
 XP - N1992-307389
 AB - J04300201 Chlorine dioxide is prepd. by irradiating UV light on
 chlorite aq. soln. with pH adjusted in an acidic range with pH-buffer
 chemical.
 - USE/ADVANTAGE - Chlorine dioxide is prepd. in a controlled manner, so
 aq. soln. is used as steriliser, oxidising agent, or deodoriser. The
 reaction is terminated at any time.
 - In an example, a soln. dissolving 2.96 mM sodium chlorite has pH
 adjusted at 4,6,8, 10 respectively with a phosphate buffer soln; UV
 light with 240-260 nm wavelength emitted from a Xe lamp was irradiated
 to the soln. in an amt. of 0.134 mW/cm². The amts. of chlorine dioxide
 generated changed with irradiation time and reached saturation values;
 the pH4 soln. provided a saturation value of 0.560 mM, the pH6 soln.
 provided 0.398 mM, the pH8 soln. provided 0.129 mM, and the pH10 soln.
 provided 0.111 mM. (Dwg.0/4)
 CN - R01896-P
 DRL - 9240-7
 IW - PREPARATION CHLORINE DI OXIDE IRRADIATE ULTRAVIOLET CHLORITE AQUEOUS
 SOLUTION ADJUST PH ACIDIC RANGE PH BUFFER CHEMICAL DEODORISE OXIDATION
 STERILE AGENT
 IKW - PREPARATION CHLORINE DI OXIDE IRRADIATE ULTRAVIOLET CHLORITE AQUEOUS
 SOLUTION ADJUST PH ACIDIC RANGE PH BUFFER CHEMICAL DEODORISE OXIDATION
 STERILE AGENT
 NC - 001
 OPD - 1991-03-28
 ORD - 1992-10-23
 PAW - (SEKP) SEKISUI PLASTICS CO LTD
 TI - Preparing chlorine di:oxide by irradiating UV on chlorite aq. soln. -
 including adjusting pH in acidic range using pH buffer chemical, for
 use at deodoriser, oxidising or sterilising agent